

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of structuring a computer database, said method comprising:

providing a category table containing categories for a subject matter of the computer database;

providing a content table containing content corresponding to categories in said category table;

providing a category contents table containing a mapping scheme that maps content contained in said content table to categories in said category table;

providing an attributes table containing attributes for an application utilizing said database; and

providing an attributes values table containing values corresponding to said attributes in said attributes table;

wherein an attribute value is added or modified by adding data or modifying data in the category table or in the content table.

Claim 2 (original): The method of Claim 1, further comprising providing a category relationships table containing category relationships and rules corresponding to categories in said category table.

Claim 3 (original): The method of Claim 1, further comprising:

providing an attribute area table that defines the area of an application utilizing said database which is permitted to use certain of said attributes; and

providing an application area table that defines the areas of an application utilizing said database which may be referenced.

Claim 4 (original): The method of Claim 1, further comprising:

providing an attribute pre-defined value table that contains all pre-defined enumerated values for certain of said attributes; and

providing a category pre-defined values table that contains pre-defined values for certain categories in said category table.

Claim 5 (original): The method of Claim 1, further comprising:

providing a category types table that describes the category type for certain categories in said category table; and

providing a content type table that describes the type of content stored in said content table; and

providing a category relationship rule table that describes the relationship rules for said category types.

Claim 6 (original): The method of Claim 1, further comprising providing a content value table that contains

the actual content corresponding to said content in said content table.

Claim 7 (original): The method of Claim 1, further comprising:

providing a content relationship table that describes the relationship among said content in said content table; and

providing a content relationship type table that defines the rationale for the relationship among said content in said content table.

Claim 8 (original): The method of Claim 1, further comprising:

providing a parameter names table that defines names of parameters;

providing an application parameter type table that groups parameter types; and

providing a parameter value table that defines values for said parameters in said parameter names table.

Claim 9 (original): The method of Claim 1, further comprising:

providing a template table that provides templates that are used to present categories and said content;

providing a template types table that defines types of templates; and

providing a presentation method table that identifies which of said templates are used to display said categories and said content.

Claims 10-31 (Previously cancelled)

Claim 32 (currently amended): A method for a data model table structure, the method comprising:

setting an entity in an entity table;

setting an attribute in an attribute table, where the attribute is a property associated with the entity; and

setting an attribute value in an attribute values table, where the attribute value is associated with the attribute;

wherein an attribute value is added or modified by adding data or modifying data in the attribute table.

Claim 33 (Previously presented): The method of claim 32, wherein the attribute value is a row of property in the attribute table.

Claim 34 (Previously presented): The method of claim 32, wherein at least one of the entity table, attribute table, and attribute values table includes a column identifier.

Claim 35 (Previously presented): The method of claim 34, wherein the column identifier comprises a first symbol (#) indicating that a column is a primary key.

Claim 36 (Previously presented): The method of claim 34, wherein the column identifier comprises a second symbol (*) indicating that a column is mandatory for every record in a table that contains the second symbol.

Claim 37 (Previously presented): The method of claim 32, wherein an attribute can be added, deleted, or modified without a change to a database schema of the data model table structure.

Claim 38 (Previously presented): The method of claim 32, further comprising:

adding a particular attribute in the data model table structure by adding a row to the attributes table.

Claim 39 (Previously presented): The method of claim 32, wherein the entity table includes an entity identifier a first column and the entity in a second column, where the entity identifier is associated with the entity.

Claim 40 (Previously presented): The method of claim 39, wherein each row in the entity table includes a particular entity identifier that is associated with a particular entity.

Claim 41 (Previously presented): The method of claim 32, wherein the attribute table includes an attribute identifier a first column and the attribute in a second column, where the attribute identifier is associated with the attribute.

Claim 42 (Previously presented): The method of claim 41, wherein each row in the attribute table includes a particular attribute identifier that is associated with a particular attribute.

Claim 43 (Previously presented): The method of claim 32, wherein the attribute values table includes an entity identifier in a first column, an attribute identifier a second column, and the attribute value in a third column.

Claim 44 (Previously presented): The method of claim 43, wherein each row in the attribute values table includes a particular entity identifier that is associated with a particular attribute identifier and a particular attribute value.

Claim 45 (Previously presented): The method of claim 32, further comprising:

adding a particular attribute identifier in a first column in the attribute table and adding a particular attribute in a second column in the attribute table, where the particular attribute identifier is associated with the particular attribute; and

adding a particular entity identifier in a first column in the attribute values table, adding the particular attribute identifier in a second column in the attributes values table, and adding a particular attribute value in a third column in the attributes values table, where the particular attribute identifier is associated with the

particular entity and the particular attribute value is associated with the particular attribute.

Claim 46 (currently amended): A data model table structure, comprising:

a data object table that includes an entity;
an attribute table that includes an attribute, where the attribute is a property associated with the entity; and
an attribute values table that includes an attribute value associated with the attribute;

wherein an attribute value is added or modified by adding data or modifying data in the attribute table.

Claim 47 (Previously presented): The structure of claim 46, wherein the attribute value is a row of property in the attribute table.

Claim 48 (Previously presented): The structure of claim 46, wherein at least one of the entity table, attribute table, and attribute values table includes a column identifier.

Claim 49 (Previously presented): The structure of claim 48, wherein the column identifier comprises a first symbol (#) indicating that a column is a primary key.

Claim 50 (Previously presented): The structure of claim 48, wherein the column identifier comprises a second symbol (*) indicating that a column is mandatory for every record in a table that contains the second symbol.

Claim 51 (Previously presented): The structure of claim 46, wherein an attribute can be added, deleted, or modified without a change to a database schema of the data model table structure.

Claim 52 (Previously presented): The structure of claim 46, wherein a particular attribute in the data model table structure can be added by adding a row to the attributes table.

Claim 53 (Previously presented): The structure of claim 46, wherein the entity table includes an entity identifier a first column and the entity in a second column, where the entity identifier is associated with the entity.

Claim 54 (Previously presented): The structure of claim 53, wherein each row in the entity table includes a particular entity identifier that is associated with a particular entity.

Claim 55 (Previously presented): The structure of claim 46, wherein the attribute table includes an attribute identifier a first column and the attribute in a second column, where the attribute identifier is associated with the attribute.

Claim 56 (Previously presented): The structure of claim 55, wherein each row in the attribute table includes a particular attribute identifier that is associated with a particular attribute.

Claim 57 (Previously presented): The structure of claim 46, wherein the attribute values table includes an entity identifier in a first column, an attribute identifier in a second column, and the attribute value in a third column.

Claim 58 (Previously presented): The structure of claim 57, wherein each row in the attribute values table includes a particular entity identifier that is associated with a particular attribute identifier and a particular attribute value.

Claim 59 (Previously presented): The structure of claim 46, wherein a particular attribute identifier can be added in a first column in the attribute table;

wherein a particular attribute can be added in a second column in the attribute table, where the particular attribute identifier is associated with the particular attribute;

wherein a particular entity identifier can be added in a first column in the attribute values table;

wherein the particular attribute identifier can be added in a second column in the attributes values table;

wherein a particular attribute value can be added in a third column in the attributes values table, where the particular attribute identifier is associated with the particular entity and the particular attribute value is associated with the particular attribute.

Claim 60 (new): The method of claim 1, wherein adding or modifying data in the category table or in the content table permits a flexible database design.

Claim 61 (new): The method of claim 32, wherein adding or modifying data in the attribute table permits a flexible database design.

Claim 62 (new): The data model table structure of claim 46, wherein adding or modifying data in the attribute table permits a flexible database design.